

NEWS.

MR. ALFRED W. BENNETT, Lecturer on Botany at St. Thomas' Hospital, London, has been appointed editor of the *Journal of the Royal Microscopical Society*, to succeed Professor F. J. Bell.

AS WE ARE GOING to press the death of Dr. Julius Sachs, the eminent physiologist, is announced, having occurred at Würzburg, May 29. The GAZETTE hopes soon to publish a biographical sketch, prepared by Dr. Fritz Noll.

DR. J. N. ROSE has gone to Mexico for a summer of collecting. He left Washington for Guaymas the last of May, where he will spend some time with Dr. Palmer. Later at Mazatlan he will meet Mr. E. W. Nelson, and together they will cross the mountains into Durango and Jalisco.

SUNSTROKE is the name given to a physiological condition of the grapevines observed in 1895 in California, and known in France as *folletage*. The leaves wither and drop off in hot weather, without apparant preliminary symptoms. The cause appears to be connected with the supply or movement of water in the plant, but no exact study has yet been devoted to the subject.

DR. EMILY GREGORY, Professor of Botany in Barnard College, died at her home in New York City, April 21. The name of Miss Gregory is a familiar one to botanists, both as author and teacher, and the announcement of her death, at the very height of her activity, occasions widespread sorrow. The GAZETTE is glad to be able to publish one of her last contributions, a review of Haberlandt's important *Physiologische Pflanzen-Anatomie*.

AT THE MEETING of the Academy of Science of St. Louis, held on the evening of May 3, 1897, Mr. H. von Schrenk spoke of the respiration of plants, with special reference to the modification of those growing with their roots submerged in water. The lecture was illustrated by a demonstration of the liberation of carbon dioxide in respiration from the roots of an ordinary flowering plant and freshly gathered fungi, and the more usual aerenchyma structures were made clear by the use of lantern slides.